



Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

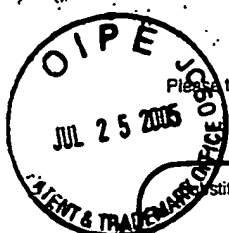
Sheet 1 of 5

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | Matz |
| Group Art Unit | 2175 |
| Examiner Name | Unassigned |
| Attorney Docket Number | BS01442 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. 1 | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|---------------|----------------------|--------------------------------------|--|--|---|
| | | Number | Kind Code ² (if known) | | | |
| A) | | 677,209 | | Cherneck et al. | 06-1991 | |
| | | 3,798,610 | | Bliss et al. | 03-19-1974 | |
| | | 3,886,302 | | Kosco | 05-27-1975 | |
| | | 4,130,833 | | Chomet | 12-19-1978 | |
| | | 4,258,386 | | Cheung | 03-24-1981 | |
| | | 4,361,851 | | Asip et al. | 11-30-1982 | |
| | | 4,488,179 | | Kruger et al. | 12-11-1984 | |
| | | 4,566,030 | | Nickerson et al. | 01-21-1986 | |
| | | 4,567,591 | | Gray et al. | 02-28-1986 | |
| | | 4,598,288 | | Yarbrough et al. | 07-01-1986 | |
| | | 4,602,279 | | Freeman | 07-1986 | |
| | | 4,688,248 | | Tomizawa | 08-18-1987 | |
| | | 4,689,661 | | Barbieri et al. | 08-25-1987 | |
| | | 4,697,209 | | Kiewitt et al. | 09-1987 | |
| | | 4,720,873 | | Goodman et al. | 01-19-1988 | |
| | | 4,816,904 | | McKenna et al. | 03-28-1989 | |
| | | 4,890,322 | | Russell, Jr. | 12-26-1989 | |
| | | 4,912,552 | | Allison, III. et al. | 03-27-1990 | |
| | | 4,912,552 | | Allison | 03-1990 | |
| | | 5,010,585 | | Garcia | 04-23-1991 | |
| | | 5,038,211 | | Hallenbeck, Peter d. | 08-1991 | |
| | | 5,046,090 | | Walker et al. | 09-03-1991 | |
| | | 5,046,092 | | Walker et al. | 09-03-1991 | |
| | | 5,055,924 | | Skutta | 10-08-1991 | |
| | | 5,173,900 | | Miller et al. | 12-22-1992 | |
| | | 5,191,645 | | Carlucci et al. | 03-02-1993 | |
| | | 5,208,665 | | McCalley et al. | 05-04-1993 | |
| | | 5,247,347 | | Litteral et al. | 09-21-1993 | |
| | | 5,249,044 | | VonKohorn | 09-28-1993 | |
| | | 5,251,324 | | McMullan | 10-1993 | |
| | | 5,287,181 | | Holman | 02-15-1994 | |
| | | 5,335,277 | | Harvey et al. | 08-02-94 | |
| | | 5,339,315 | | Maeda et al. | 08-16-1994 | |
| | | 5,343,240 | | Yu | 08-30-1994 | |
| | | 5,357,276 | | Banker et al. | 10-18-1994 | |
| | | 5,374,951 | | Welsh | 12-20-1994 | |
| | | 5,389,964 | | Oberle | 02-1995 | |
| | | 5,404,393 | | Remillard | 04-04-1994 | |
| | | 5,410,344 | | Graves | 04-1995 | |
| | | 5,446,490 | | Blahut et al. | 08-29-1995 | |
| | | 5,446,919 | | Wilkins, Jeff K. | 08-1995 | |
| | | 5,548,811 | | Lowlan | 07-1996 | |
| | | 5,559,548 | | Davis et al. | 09-1996 | |
| | | 5,585,838 | | Lawler et al. | 12-17-1996 | |
| | | 5,585,865 | | Amano | 12-1996 | |
| | | 5,600,364 | | Hendricks | 02-1997 | |
| | | 5,608,448 | | Smoral et al. | 03-04-1997 | |



Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

2

of

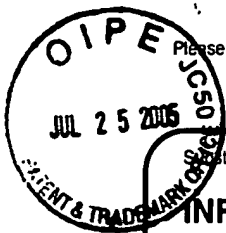
5

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | Matz |
| Group Art Unit | 2175 |
| Examiner Name | Unassigned |
| Attorney Docket Number | BS01442 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. † | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|---------------|----------------------|--------------------------------------|--|--|---|
| | | Number | Kind Code ² (if known) | | | |
| A) | | 5,619,247 | | Russo | 04-1997 | |
| | | 5,630,119 | | Aristides | 05-13-1997 | |
| | | 5,661,516 | | Carles, John B. | 08-1997 | |
| | | 5,661,516 | | Carles | 08-1997 | |
| | | 5,698,670 | | Maty | 10-06-1997 | |
| A) | | 5,724,521 | | Dedrick | 03-1998 | |
| | | 5,724,525 | | Beyers II et al. | 03-1998 | |
| | | 5,752,159 | | Faust et al. | 05-1998 | |
| | | 5,754,393 | | Herz | 05-1998 | |
| | | 5,758,257 | | Herz | 05-1998 | |
| | | 5,758,259 | | Lawler | 05-1998 | |
| | | 5,774,170 | | Hite et al. | 06-1998 | |
| | | 5,778,182 | | Cathey et al. | 07-07-1998 | |
| | | 5,794,210 | | Goldhaber et al. | 08-11-1998 | |
| | | 5,818,438 | | Howe | 10-06-1998 | |
| | | 5,838,314 | | Neel | 11-1998 | |
| | | 5,848,396 | | Gerace | 12-1998 | |
| | | 5,861,906 | | Dunn | 01-1999 | |
| | | 5,892,508 | | Howe | 04-06-1999 | |
| | | 5,892,536 | | Logan | 04-1999 | |
| | | 5,917,481 | | Rzeszewski | 06/29/1999 | |
| | | 5,948,061 | | Merriman et al. | 09-07-1999 | |
| | | 5,973,683 | | Cragun | 10-1999 | |
| | | 5,983,227 | | Nazem | 11-09-1999 | |
| | | 6,002,393 | | Hite | 12-1999 | |
| | | 6,005,597 | | Barrett | 12-1999 | |
| | | 6,029,045 | | Alexander | 01-2001 | |
| | | 6,076,094 | | Cohen | 06-13-2000 | |
| | | 6,100,916 | | August | 08-2000 | |
| | | 6,119,098 | | Guyot et al. | 09-2000 | |
| | | 6,172,674 | | Etheridge | 01-09-2001 | |
| | | 6,185,614 | | Cuomo | 02-2001 | |
| | | 6,202,210 | | Ludtke, Harold A. | 03-2001 | |
| | | 6,252,586 | | Freeman et al. | 06-26-2001 | |
| | | 6,282,713 | | Kitsukawa | 08-2001 | |
| | | 6,314,568 | | Ochiai | 11-2001 | |
| | | 6,314,577 | | Pocock | 11-06-2001 | |
| | | 6,327,574 | | Kramer et al. | 12-2001 | |
| | | 6,345,256 | | Milsted et al. | 02-2002 | |
| | | 6,434,747 | | Khoo et al. | 08-2002 | |
| | | 6,446,261 | | Rosser, Roy J. | 09-2002 | |
| | | 6,446,261 | | Rosser | 09-2002 | |
| | | 6,457,010 | | Eldering | 09-2002 | |
| | | 6,463,468 | | Buch | 10-2002 | |
| | | 6,463,585 | | Hendricks et al. | 10-2002 | |



Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 5

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | Matz |
| Group Art Unit | 2175 |
| Examiner Name | Unassigned |
| Attorney Docket Number | BS01442 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| | | Number | Kind Code ² (if known) | | | |
| AJ | | 6,477,704 | | Cremia | 11-2002 | |
| | | 6,487,538 | | Gupta et al. | 11-2002 | |
| | | 6,496,818 | | Ponte | 12-2002 | |
| | | 6,505,348 | | Knowles | 01-2003 | |
| | | 6,507,839 | | Ponte | 01-2003 | |
| | | 6,510,417 | | Woods | 01-2003 | |
| | | 6,631,360 | | Cook | 10-2003 | |
| | | 6,714,992 | | Kanojia et al. | 03-2004 | |
| | | 6,718,551 | | Scott R. Swix et al. | 04-06-2004 | |
| | | 6,845,398 | | Kanojia et al. | 01-2005 | |
| | | 6,850,988 | | Reed, David | 02-2005 | |
| | | US- 2002/0123928 | | Eldering et al. | 09-2002 | |
| | | US- 2002/0143647 | | Headings et al. | 10-2002 | |
| | | US-2002/0199197 | | Winter | 12-2002 | |
| | | US-2003/0067554 | | Klarfield | 04/2003 | |
| | | App. 09/799,306 | | Grauch | 01-06-1997 | |
| | | App. 10/016,988 | | Matz | 12-14-2001 | |
| | | App. 10/017,111 | | Matz | 12-14-2001 | |
| | | App. 10/017,630 | | Swix | 12-14-2001 | |
| | | App. 10/017,640 | | Matz | 12-14-2001 | |
| | | App. 10/017,742 | | Matz | 12-14-2001 | |
| | | App. 10/036,677 | | Swix | 12-21-2001 | |
| | | App. 10/0735309 | | Gray | 12-12-2003 | |
| | | App. 10/037,005 | | Matz | 12-21-2001 | |
| | | App. 10/778,345 | | Swix | 02-17-2004 | |
| | | App. 10/0735346 | | Gray | 12-12-2003 | |
| | | App. 10/096,923 | | Matz | 12-21-2001 | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ₆ |
|------------------------|--------------------------|-------------------------|--|--------------------------------------|---|---|--|----------------|
| | | Offi ce ³ | Number ⁴ | Kind Code ⁵ (if known) | | | | |
| AJ ↓ | | | EP 0 424 648A EP 1162840 A2 WO 99 52285A WO 99 04561A WO 99 45702A | | Wilson | 02-02-1991 12-2001 10-14-1999 01-28-1999 09-10-1999 | | |

Examiner
Signature

Alan J. Jones

Date
Considered

11/3/05

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ See attached Kinds of U.S. Patent Documents. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.



Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 4 of 5

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | Matz |
| Group Art Unit | 2175 |
| Examiner Name | Unassigned |
| Attorney Docket Number | BS01442 |

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|---------------------|-----------------------|--|----------------|
| A1 | | PCT Publication No. WO 94/17609 (Kiehl et al., 08-04-1994) | |
| | | CAULEY, LESLIE, "Microsoft, Baby Bell Form Video Alliance," <u>The Wall Street Journal</u> , September 26, 1994 | |
| | | "allNetDevices: - Report: Interactive TV Soon to Become Direct Marketing Tool," allNetDevices, www.devices.internet.com/cgi/print/print.cgi?url=http://devices.../report_interactive.html , (11/16/01) pp.1-2. | |
| | | "Liberate Technologies – Solutions," Digital Cable Two-Way, www.solutions.liberate.com/architecture/dc2.html , (11/16/01) p. 1 of 1. | |
| | | "Liberate Technologies – Solutions," Digital Broadband Telco, www.solutions.liberate.com/architecture/db.html , (11/16/01) p. 1 of 1. | |
| | | "Liberate Technologies – Solutions," Liberate Connect Suite, www.solutions.liberate.com/products/connect_suite.html , (11/16/01) pp. 1-2. | |
| | | "Liberate Technologies – Solutions," Liberate imprint Server™, www.solutions.liberate.com/products/imprint_server.html , (11/16/01) p. 1 of 1. | |
| | | "Liberate Technologies – Solutions," Liberate Mediacast Server™, www.solutions.liberate.com/products/mediacast_server.html , (11/16/01) pp.1-2. | |
| | | "Spike High Performance Server Array," Mixed Signals Technologies, Inc., www.mixedsignals.com , itvinfo@mixedsignals.com (2000) p. 1. | |
| | | "power, flexibility, and control," RespondTV, www.respondtv.com/whyrespond.html (11/16/01) pp. 1-2. | |
| | | "It just clickst," RespondTV, www.respondtv.com/inaction.html , (11/16/01) pp.1-2. | |
| | | "The Wink System," Wink System Diagram, www.wink.com/contents/tech_diagram.html , (11/16/01) p. 1 of 1. | |
| | | "What is Wink?," www.wink.com/contents/whatiswink.html , (11/16/01) p. 1 of 1. | |
| | | "How Wink Works," What is Wink: How wink works, www.wink.com/contents/howitworks.html , (11/16/01) p. 1 of 1. | |

Examiner
Signature

ala m jmr

Date

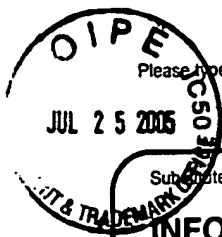
Considered

11/03/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box →

+

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

5

of

5

Complete if Known

Application Number 10/037,005

Filing Date December 21, 2001

First Named Inventor Matz

Group Art Unit 2175

Examiner Name Unassigned

Attorney Docket Number BS01442

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| A | | "What is Wink: Examples," What is Wink - Examples, www.wink.com/contents/examples.html , (11/16/01) pp. 1-2. | |
| | | "Nielsen Media Research - Who We Are & What We Do," www.nielsenmedia.com/whoweare.html , (10/11/01) pp.1-4. | |
| | | www.actv.com , Screen Print, 10/8/2000 | |
| | | "ACTV, Inc. Offers Exclusive Preview of 'Individualized Television' at Official All-Star Café," Business Wire, Sept. 16, 1998. | |
| | | "ACTV's HyperTV & 'Individualized Television' to be Powered by Sun Microsystems' JavaTV Technology," Business Wire, Apr. 21, 1999. | |
| | | Whitaker, Jerry, "Interactive TV: Killer Ap or Technical Curiosity?", Broadcast Engineering, Dec. 1999. | |
| | | Dickson, Glen, "Digital TV gets specifically directed," Broadcasting & Cable, June 5, 2000. | |
| | | Reed, David, "The future is digital," Precision Marketing, v. 13, n.51, pg. 27, Sept. 21, 2001. | |
| | | | |
| | | | |
| | | | |

Examiner
Signature

Ala - Jan

Date
Considered

11/07/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete If Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | Matz |
| Group Art Unit | 2175 |
| Examiner Name | Unknown |
| Attorney Docket Number | BS01442 |

U.S. PATENT DOCUMENTS

| Examiner Initials * | Cite No. 1 | U.S. Patent Document Number Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|------------------------|---------------|---|--|--|---|
| A1 | | 6,238,975 | Boe et al. | 05-2001 | |
| A1 | | 6,483,685 | Hendricks et al. | 10-2002 | |
| | | 2002/0157108 | Kitsukawa et al. | 10-2002 | |
| | | 2005/0060769 | Ross et al. | 03-2005 | |
| | | 6,189,076 | Logan et al. | 03-2001 | |
| | | 6,721,827 | Logan et al. | 02-1998 | |
| | | 6,810,627 | Conrad et al. | 10-2004 | |
| | | 5,881,618 | Carles, John B. | 08-1997 | |
| | | 2002/0082017 | Klosterman et al. | 07-2002 | |
| | | 2002/0157109 | Nakano et al. | 10-2002 | |

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. 1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|---------------|---|----------------|
| | | | |
| | | | |

Examiner
Signature

Date
Considered

11/3/05

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Feb 01 2005 10:46AM SCOTT P ZIMMERMAN PLLC

9193876959

FEB 01 2005

PTO/SB/21 (03-03)

Approved for use through 04/30/2003. CMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|----------------------|------------------------|---------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/037.005 | |
| | Filing Date | December 21, 2001 | |
| | First Named Inventor | MATZ | |
| | Art Unit | 2175 | |
| | Examiner Name | | |
| Total Number of Pages in This Submission | 9 | Attorney Docket Number | BS01442 |

| ENCLOSURES (Check all that apply) | | |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to a Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks _____ | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|--------------------|
| Firm or Individual | Scott P. Zimmerman |
| Signature | |
| Date | 01 February 2005 |

| CERTIFICATE OF TRANSMISSION/MAILING | |
|---|--------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 01 February 2005 | |
| Typed or printed | Scott P. Zimmerman |
| Signature | |
| Date | 01 February 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

RECEIVED
CENTRAL FAX CENTER

FEB 01 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Director:

The Assignee respectfully requests entry and consideration of the references listed on the enclosed PTO 1449 Forms. Because this Supplemental Information Disclosure Statement is submitted prior to a first office action, no fee is believed due.

If the Office has any questions, the Office is invited to contact the undersigned at (919) 387-6907 or scott@wzpatents.com.

Respectfully submitted,



Scott P. Zimmerman, Reg. No. 41,390
Attorney for Assignee

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitutes for form 1448/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 7 of 9

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | MATZ |
| Art Unit | 2175 |
| Examiner Name | Unknown |
| Attorney Docket Number | BS01442 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|--------------------------|--|-----------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| A) | | US- 5,948,061 | 9/7/1999 | Merriman et al. | |
| | | US- 5,794,210 | 8/11/1998 | Goldhaber et al. | |
| | | US- 5,724,521 | 3-1998 | Dedrick | |
| | | US- 5,892,536 | 4-1999 | Logan | |
| | | US- 5,600,364 | 2-1997 | Hendricks | |
| | | US- 6,282,713 | 8-2001 | Kitsukawa | |
| | | US- 6,477,704 | 11-2002 | Cremla | |
| | | US- 5,389,964 | 2-1995 | Oberle | |
| | | US- 6,002,393 | 12-1999 | Hite | |
| | | US- 4,912,552 | 3-1990 | Allison | |
| | | US- 6,446,261 | 9-2002 | Rosser | |
| | | US- 5,848,396 | 12-1998 | Gerace | |
| | | US- 5,948,061 | 9-1999 | Merriman | |
| | | US- 6,100,916 | 8-2000 | August | |
| | | US- 6,314,577 | 11/6/2001 | Pocock | |
| | | US- 5,892,508 | 4/8/1999 | Howe | |
| | | US- 5,818,438 | 10/8/1998 | Howe | |
| | | US- 6,076,094 | 8/13/2000 | Cohen | |
| | | US- 6,172,674 | 1/9/2001 | Etheridge | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ³ |
| | | Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known) | | | | |
| A) | | WO 99 52285A | 10/14/1999 | | | |
| | | WO 99 04581A | 1/28/1999 | | | |
| | | WO 99 45702A | 9/10/1999 | | | |
| | | EP 0 424 648A | 2/2/1991 | | | |
| | | EP 1162840 A2 | 12-2001 | Wilson | | |
| | | | | | | |

Examiner
SignatureDate
Considered

11/17/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. CMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 9

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | MATZ |
| Art Unit | 2175 |
| Examiner Name | Unknown |
| Attorney Docket Number | BS01442 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| AJ | | US- 6,252,586 | 6/26/2001 | Freeman | |
| | | US- 5,661,516 | 8/1997 | Cartee | |
| | | US- 5,774,170 | 6-1998 | Hite | |
| | | US- 5,758,257 | 5-1998 | Herz | |
| | | US- 5,410,344 | 4-1995 | Graves | |
| | | US- 5,754,393 | 5-1998 | Herz | |
| | | US- 5,836,314 | 11-1998 | Neel | |
| | | US- 6,029,045 | 1-2001 | Alexander | |
| | | US- 6,463,468 | 10-2002 | Buch | |
| | | US- 6,496,818 | 12-2002 | Ponte | |
| | | US- 6,507,839 | 1-2003 | Ponte | |
| | | US- 6,510,417 | 1-2003 | Woods | |
| | | US- 6,631,360 | 10-2003 | Cook | |
| | | US- 4,602,279 | 7-1988 | Freeman | |
| | | US- 5,446,919 | 8-1995 | Wilkins | |
| | | US- 5,585,865 | 12-1996 | Amano | |
| | | US- 5,758,259 | 5-1998 | Lawler | |
| | | US- 5,861,908 | 1-1999 | Dunn | |
| | | US- 5,973,683 | 10-1999 | Cragun | |

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ Number * Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| | | | |
|--------------------|---------------------------|-----------------|----------|
| Examiner Signature | <i>Scott P. Zimmerman</i> | Date Considered | 11/03/05 |
|--------------------|---------------------------|-----------------|----------|

*EXAMINER: Initials if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 6 of 9**Complete If Known**

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | MATZ |
| Art Unit | 2175 |
| Examiner Name | Unknown |
| Attorney Docket Number | BS01442 |

| U. S. PATENT DOCUMENTS | | | | | | |
|------------------------|-----------|--|--------------|-----------------------------|---|---|
| Examiner Initials* | Cite No.† | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (If known) | | | | |
| A1. | | US- | 6,005,597 | 12-1999 | Barrett | |
| | | US- | 6,314,568 | 11-2001 | Ochiai | |
| | | US- | 6,457,010 | 9-2002 | Eldering | |
| | | US- | 2002/0143647 | 10-2002 | Headings | |
| | | US- | 2002/0199197 | 12-2002 | Winter | |
| | | US- | 5,543,911 | 7-1996 | Levitan | |
| | | US- | 2003/0067554 | 4-2003 | Klarfield | |
| | | US- | 6,202,210 | 3-2001 | Ludtke | |
| | | US- | 5,630,119 | 5/13/1997 | Aristides | |
| | | US- | 5,917,481 | 6/29/1999 | Rzeszewski | |
| | | US- | 5,983,227 | 11/9/1999 | Nazem | |
| | | US- | 5,038,211 | 8/6/1991 | Hallenbeck | |
| | | US- | 5,559,548 | 9/24/1996 | Davis | |
| | | US- | 6,463,585 | 10/2002 | Hendricks | |
| | | US- | 6,505,348 | 1-2003 | Knowles | |
| | | US- | 6,185,614 | 2/2001 | Cuomo | |
| | | US- | | | | |
| | | US- | | | | |
| | | US- | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------------|---------------------------|---|-----------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ³ |
| | | Country Code ² | Number ⁴ Kind Code ⁵ (if known) | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| | | | |
|--------------------|-------------------|-----------------|----------|
| Examiner Signature | <i>Alta - Dan</i> | Date Considered | 11/03/05 |
|--------------------|-------------------|-----------------|----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. †Applicant's unique citation designation number (optional). ‡See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. §Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ***Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-796-9199) and select option 2.

Please type a plus sign (+) inside this box → ☐

PTO/88/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **6** of **9****Complete if Known**

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | MATZ |
| Group Art Unit | 2175 |
| Examiner Name | |
| Attorney Docket Number | BS01442 |


| U.S. PATENT DOCUMENTS | | | | | | |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| A1 | | US- 3,788,810 | | Bliss et al. | 03-19-1974 | |
| | | US- 3,886,302 | | Koson | 05-27-1975 | |
| | | US- 4,130,833 | | Chornet | 12-18-1978 | |
| | | US- 4,258,386 | | Cheung | 03-24-1981 | |
| | | US- 4,381,851 | | Asip et al. | 11-30-1982 | |
| | | US- 4,488,179 | | Kruger et al. | 12-11-1984 | |
| | | US- 4,566,030 | | Nickerson et al. | 01-21-1986 | |
| | | US- 4,587,581 | | Grey et al. | 02-26-1986 | |
| | | US- 4,588,288 | | Yarbrough et al. | 07-01-1986 | |
| | | US- 4,688,248 | | Tomizawa | 08-18-1987 | |
| | | US- 4,689,681 | | Berblert et al. | 08-25-1987 | |
| | | US- 4,697,209 | | Klawitt et al. | 09-1987 | |
| | | US- 4,720,873 | | Goodman et al. | 01-19-1988 | |
| | | US- 4,816,804 | | McKenna et al. | 03-28-1989 | |
| | | US- 4,890,322 | | Russell, Jr. | 12-26-1989 | |
| | | US- 4,912,552 | | Adison, III, et al. | 03-27-1990 | |
| | | US- 5,010,563 | | Garcia | 04-23-1991 | |
| | | US- 5,048,080 | | Walker et al. | 09-03-1991 | |
| | | US- 5,048,092 | | Walker et al. | 09-03-1991 | |
| | | US- 5,055,824 | | Skurda | 10-08-1991 | |
| | | US- 5,173,900 | | Miller et al. | 12-22-1992 | |
| | | US- 5,191,845 | | Carlucci et al. | 03-02-1993 | |
| | | US- 5,208,685 | | McCalley et al. | 05-04-1993 | |
| | | US- 5,247,347 | | Uteral et al. | 08-21-1993 | |
| | | US- 5,249,044 | | VonKohom | 09-28-1993 | |
| | | US- 5,251,324 A | | McMullen | 10-1993 | |
| | | US- 5,287,181 | | Hofman | 02-15-1994 | |
| | | US- 5,335,277 | | Harvey et al. | 08-02-94 | |
| | | US- 5,338,315 | | Maeda et al. | 08-18-1994 | |
| | | US- 5,343,240 | | Yu | 08-30-1994 | |
| | | US- 5,374,851 | | Welsh | 12-20-1994 | |
| | | US- 5,357,278 | | Banker et al. | 10-18-1994 | |
| | | US- 5,404,393 | | Romillard | 04-04-1994 | |
| | | US- 5,410,328 | | Goldstein | 04-1995 | |
| | | US- 5,448,819 | | Wilkins, Jeff K. | 08-1995 | |
| | | US- 5,448,480 | | Blahut et al. | 08-29-1995 | |
| | | US- 5,500,681 | | Jones | 03-1996 | |

Examiner
Signature*Ala - Jan*Date
Considered*11/03/05*

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box 

PTO/58/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)


Sheet 7 of 9

| Complete if Known | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | MATZ |
| Group Art Unit | 2175 |
| Examiner Name | |
| Attorney Docket Number | BS01442 |

Agency Doc#
Doc#

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
| Examiner Initials * | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number | Kind Code ² (if known) | | | |
| A1 | | US- 5,585,838 | | Lewler et al. | 12-17-1998 | |
| | | US- 5,808,448 | | Smoral et al. | 03-04-1997 | |
| | | US- 5,818,247 A | | Russo | 04-1997 | |
| | | US- 5,881,518 | | Carles, John B. | 08-1997 | |
| | | US- 5,888,670 | | Marty | 10-06-1997 | |
| | | US- 5,724,525 | | Beyers II et al. | 03-1998 | |
| | | US- 5,752,159 | | Faust et al. | 05-1998 | |
| | | US- 5,758,257 | | Harz et al. | 05-1998 | |
| | | US- 5,774,170 | | Hiko et al. | 08-1998 | |
| | | US- 5,778,182 | | Cathay et al. | 07-07-1998 | |
| | | US- 5,818,438 B1 | | Howe et al. | 10-08-1998 | |
| | | US- 5,882,508 B1 | | Howe et al. | 04-08-1999 | |
| | | US- 6,015,344 | | Kelly et al. | 01-18-2000 | |
| | | US- 6,078,094 B1 | | Cohen et al. | 06-13-2000 | |
| | | US- 6,134,531 | | Trowl et al. | 10-2000 | |
| | | US- 6,172,874 B1 | | Ethessedge et al. | 01-09-2001 | |
| | | US- 6,202,210 | | Ludke | 03-2001 | |
| | | US- 6,252,688 B1 | | Freeman et al. | 08-28-2001 | |
| | | US- 6,314,577 B1 | | Pocock | 11-06-2001 | |
| | | US- 6,448,281 B1 | | Rosser | 09-2002 | |
| | | US- 6,463,585 | | Hendricks et al. | 10-2002 | |
| | | US- 6,530,082 B1 | | Del Sesto et al. | 03-2002 | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|-------------------------|---------------------|---|--|---|
| Examiner Initials * | Cite No. ¹ | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Office ² | Number ² | | | |
| A1 | | | EP 1162840 A2 | Wilson et al. | 12-2001 | |

| | | | |
|--------------------|---|-----------------|------------|
| Examiner Signature |  | Date Considered | 11/10/03/C |
|--------------------|---|-----------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 8 Of 9

Complete If Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | MATZ |
| Group Art Unit | 2175 |
| Examiner Name | |
| Attorney Docket Number | BS01442 |

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|---------------------|-----------------------|---|----------------|
| AJ | | PCT Publication No. WO 94/17609 (Koski et al., 08-04-1994) | |
| | | CAULEY, LESLIE, "Microsoft, Baby Bel Form Video Alliance," <u>The Wall Street Journal</u> , September 26, 1994. | |
| | | U.S. Application No. 2002/0032906 A1 (Grossman, 03-2002) | |
| | | U.S. Application No. 2002/0035600 A1 (Ullman et al., 03-2002) | |
| | | U.S. Application No. 2002/0092018 A1 (Dwight, 07-11-2002) | |
| | | U.S. Application No. 2002/0123928 A1 (Eldering et al., 09-2002) | |
| | | U.S. Application No. 2002/0143547 A1 (Headings et al., 10-2002) | |
| | | U.S. Application No. 2003/0048987 A1 (Kinzo et al., 03-13-2003) | |
| | | U.S. Application No. 2003/0110487 A1 (Yasash et al., 06-2003) | |
| | | International Search Report for PCT /US02/40070 A1 | |

| | | | |
|--------------------|------------------|-----------------|----------|
| Examiner Signature | <i>Ala n Jan</i> | Date Considered | 11/03/01 |
|--------------------|------------------|-----------------|----------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box 

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PTO/SB/05A (05-00)
Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1462APTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 9 of 9

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 10/037,005 |
| Filing Date | December 21, 2001 |
| First Named Inventor | MATZ |
| Group Art Unit | 2175 |
| Examiner Name | |
| Attorney Docket Number | BS01442 |


NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No.† | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T‡ |
|--------------------|-----------|---|----|
| AJ | | "allNetDevices: - Report: Interactive TV Soon to Become Direct Marketing Tool," allNetDevices, www.devices.internet.com/com_cgl/print/print.cgi?url=http://devices.../report_interactive.htm, (11/16/01) pp. 1-2. | |
| | | "Liberate Technologies - Solutions," Digital Cable Two-Way, www.solutions.liberate.com/architecture/dc2.html, (11/16/01) p. 1 of 1. | |
| | | "Liberate Technologies - Solutions," Digital Broadband Telco, www.solutions.liberate.com/architecture/db.html, (11/16/01) p. 1 of 1. | |
| | | "Liberate Technologies - Solutions," Liberate Connect Suite, www.solutions.liberate.com/products/connect_suite.html, (11/16/01) pp. 1-2. | |
| | | "Liberate Technologies - Solutions," Liberate Imprint Server™, www.solutions.liberate.com/products/imprint_server.html, (11/16/01) p. 1 of 1. | |
| | | "Liberate Technologies - Solutions," Liberate Mediacast Server™, www.solutions.liberate.com/products/mediacast_server.html, (11/16/01) pp. 1-2. | |
| | | "Spike High Performance Server Array," Mixed Signals Technologies, Inc., www.mixedsignals.com.ltvinfo@mixedsignals.com, (2000) p. 1. | |
| | | "power, flexibility, an control," Respond TV, www.respondtv.com/whyrespond.html (11/16/01) pp. 1-2. | |
| | | "It just clicks!," RespondTV, www.respondtv.com/inaction.html, (11/16/01) pp. 1-2. | |
| | | "The Wink System," Wink System Diagram, www.wink.com/contents/tech_diagram.shtml, (11/16/01) p. 1 of 1. | |
| | | "What is Wink?," www.wink.com/contents/whatiswink.shtml, (11/16/01) p. 1 of 1. | |
| | | "How Wink Works," What is Wink: How wink works, www.wink.com/contents/howitworks.shtml, (11/16/01) p. 1 of 1. | |
| | | "What is Wink: Examples," What is Wink - Examples, www.wink.com/contents/examples.shtml, (11/16/01) pp. 1-2. | |
| | | "Nielsen Media Research - Who We Are & What We Do," www.nielsenmedia.com/whoware.html, (10/11/01) pp. 1-4. | |

| | | | |
|--------------------|---|-----------------|----------|
| Examiner Signature |  | Date Considered | 11/03/01 |
|--------------------|---|-----------------|----------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Unique citation designation number. ‡ Applicant is to place a check mark here if English language Translation is attached.


 Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.